

WHAT IS CLAIMED IS:

1. A resin substrate for optical use which comprises a multilayer structure having a surface roughness R_a of 0.8 nm or lower on at least one side and having an average thickness of from 100 to 800 μm .

2. The resin substrate for optical use of claim 1, which has a layer of a cured epoxy resin.

3. The resin substrate for optical use of claim 1 or 2, which has a transparent hard coat layer having a thickness of 0.1 μm or larger as a surface layer and a poly(vinyl alcohol)-based gas barrier layer as a superposed layer underlying the hard coat layer.

4. The resin substrate for optical use of claim 1, wherein the surface roughness R_a is 0.2 nm or lower.

5. The resin substrate for optical use of claim 1, wherein the average thickness is from 200 to 500 μm .

6. The resin substrate for optical use of claim 2, wherein the epoxy resin is selected from the group consisting of a bisphenol A type epoxy resin, an alicyclic type epoxy resin, and a tryglycidyl isocyanurate type epoxy resin.